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HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20050001
Agency Interest No.: 8494

Mr. Jacques M. Roy
Mayor, City of Alexandria
915 Third St
Alexandria, LA 71301

RE: **Part 70 Operating Permit, City of Alexandria, DG Hunter Generating Station**
Alexandria, Rapides Parish, Louisiana

Dear Mr. Roy:

This is to inform you that the permit for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the ___ of _____, 2014, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2009.

Permit No.: 2360-00024-V1

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN: rjj
c: EPA Region VI

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Alexandria City of - DG Hunter Generating Station
Agency Interest No.: 8494
City of Alexandria
Alexandria, Rapides Parish, Louisiana**

I. Background

The DG Hunter Generating Station is an existing electrical generation facility owned and operated by the City of Alexandria. The previous Title V permit, 2360-00024-V0, expired on June 26, 2005 without a timely renewal application submittal. The facility currently operates without a permit.

This is the Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by City of Alexandria on January 22, 2009 requesting a Part 70 operating permit.

III. Description

The D.G. Hunter Generating Station operates two boilers, one above ground storage tank, and three cooling towers near the intersection of Highway 165 and 3rd Street in Alexandria. The boilers use natural gas as a primary fuel source. The boilers are also capable of burning no.2 fuel oil as a backup fuel in the event of an interruption to the gas supply. In the case of such an interruption, the fuel oil acts as a stand-alone fuel until the normal gas supply can be restored. Fuel combustion is the primary source of air emissions associated with the power plant operations.

In this permit, the City of Alexandria proposes to remove Boilers 1 and 2 (EPNs C1 and C2) and Cooling Tower X1 from service.

Estimated emissions in tons per year are as follows:

Pollutant	Before	After	Change*
PM ₁₀	97.70	112.14	+14.44
SO ₂	740.81	101.84	-638.97
NO _x	4,508.59	2,173.87	-2,334.72
CO	361.07	566.06	+204.99
VOC	13.74	34.91	+21.17

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**Alexandria City of - DG Hunter Generating Station
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Alexandria, Rapides Parish, Louisiana**

LAC 33:III.Chapter 51 Toxic Air Pollutants (TAP)			
Pollutant	Before	After	Change*
1,1,1-Trichloroethane	0.00	<0.01	<0.01
Benzene	0.00	0.01	+0.01
Dichlorobenzene	0.00	<0.01	<0.01
Formaldehyde	0.00	0.72	+0.72
n-Hexane	0.00	11.27	+11.27
Naphthalene	0.00	0.01	+0.01
Toluene	0.00	0.06	+0.06

- There has been no physical change or change in the method of operation at the facility since construction. All emission changes are based on either stack testing or AP 42 emission factors. All emission estimates are based on the worst-case operating scenario.

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, and New Source Performance Standards (NSPS). Prevention of Significant Deterioration (PSD) and National Emission Standards for Hazardous Air Pollutants (NESHAP) do not apply.

This facility is a minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

The U.S. Court of Appeals for the D.C. Circuit on December 23, 2008 decided to remand to EPA without vacatur the Clean Air Interstate Rule (CAIR). CAIR remains in effect until it is replaced by a rule that remedies the flaws identified by the court in its July 11, 2008 opinion.

**AIR PERMIT BRIEFING SHEET
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**Alexandria City of - DG Hunter Generating Station
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V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Emissions associated with the proposed changes were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

VIII. General Condition XVII Activities

There were no activities reported.

IX. Insignificant Activities

ID No.	Description	Citation
Oil Tanks	4 Lube Oil Tanks (4,000 gallons each)	LAC 33:III.501.B.5.A.3

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Alexandria City of - DG Hunter Generating Station

Agency Interest No.: 8494

City of Alexandria

Alexandria, Rapides Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements		LAC 33:III.Chapter													40 CFR 61		40 CFR												
		509	9	11	13	15	2103	2111	2113	51*	56	59*	A	D	K	Ka	Kb	GG	III	M	64	68	72	73	75	77	78	97	
ID No.	Description																												
UNF 01	Facility-Wide - D.G. Hunter Power Plant		1	1			1	1	2												1								
SCN 01	IGS-3 - Interrupted Gas Supply Scenario (Boiler No. 3)		1	1	1										3									1	1	1	1	1	1
SCN 02	IGS-4 - Interrupted Gas Supply Scenario (Boiler No. 4)		1	1	1										3									1	1	1	1	1	1
EQT 01	C3 - Boiler No. 3		1	1	1										3									1	1	1	1	1	1
EQT 02	C4 - Boiler No. 4		1	1	1										3									1	1	1	1	1	1
EQT 03	T2 - Diesel Tank No. 2									3																			
EQT 04	X1 - Units No. 1 and 2 Cooling Tower				1																								
EQT 05	X2 - Unit No. 3 Cooling Tower				1																								
EQT 06	X3 - Unit No. 4 Cooling Tower				1																								

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Alexandria City of - DG Hunter Generating Station

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Alexandria, Rapides Parish, Louisiana

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Alexandria City of - DG Hunter Generating Station
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 City of Alexandria
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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source		Notes
ID No	Requirement	
UNF 01 DG Hunter	Chemical Accident Prevention and Minimization of Consequences [LAC 33:III.Chapter 59]	DOES NOT APPLY. The facility does not produce, process, handle, or store any substances listed in 40 CFR 68.130, Table 59.0 of §5907, or Table 59.2 of §5913 in quantities greater than the threshold quantities listed in those respective places. [LAC 33:III.5907.A]
EQT 01 C3 - Boiler No. 3	Standards of Performance for Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971 [40 CFR 60 Subpart D]	DOES NOT APPLY. The boiler was constructed before August 17, 1971 [40 CFR 60.40(c)]
SCN 01 ICS-3 - Interrupted Gas Supply	Emission Standards for Sulfur Dioxide Continuous Emissions Monitoring [LAC 33:III.1511.A] Emission Standards for Sulfur Dioxide Recordkeeping and Reporting [LAC 33:III.1513]	Unit emits less than 250 tons of SO ₂ per year. Record and retain at the site for at least 2 years the data required to demonstrate compliance with or exemption from SO ₂ standards of Chapter 15. Compliance data shall be reported annually in accordance with LAC 33:III.918.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Alexandria City of - DG Hunter Generating Station
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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source		
ID No	Requirement	Notes
EQT 02 C4 - Boiler No. 4	Emission Standards for Sulfur Dioxide Continuous Emissions Monitoring [LAC 33:III.1511.A] Emission Standards for Sulfur Dioxide Recordkeeping and Reporting [LAC 33:III.1513]	Unit emits less than 250 tons of SO ₂ per year. Record and retain at the site for at least 2 years the data required to demonstrate compliance with or exemption from SO ₂ standards of Chapter 15. Compliance data shall be reported annually in accordance with LAC 33:III.918.
SCN 01 ICS-3 - Interrupted Gas Supply	Standards of Performance for Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971 [40 CFR 60 Subpart D]	DOES NOT APPLY. The boiler commenced construction before August 17, 1971 [40 CFR 60.40(c)]
EQT 03 T2 - Tank No. 2	Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978 [40 CFR 60 Subpart K] Storage of Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. The tanks were constructed before June 11, 1973. [40 CFR 60.110(c)(2)] DOES NOT APPLY. The tank does not contain any VOC having a maximum true vapor pressure of 1.5 psia or greater. [LAC 33:III.2103.B]

The above table provides explanation for either the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

General Information

AI ID: 8494 Alexandria City of - DG Hunter Generating Station
Activity Number: PER20050001
Permit Number: 2360-00024-V1
Air - Title V Regular Permit Renewal

Also Known As:	ID	Name	User Group	Start Date
	2360-00024	Alexandria City of - DG Hunter Generating Station	CDS Number	08-05-2002
	LAR00034629	DG Hunter Generating Station	Hazardous Waste Notification	02-18-1999
	LAR05M592	LPDES #	LPDES Permit #	05-22-2003
	WP3697	LPDES #	LWDPS Permit #	05-22-1993
	6558	ORIS Code	ORIS Code	09-16-2008
	16843	Alexandria Power Station	TEMPO Merge	12-13-2000
	4022	Alexandria Municipal Power & Light	TEMPO Merge	08-21-2003
	40262	Alexandria City of - DG Hunter Generating Station	TEMPO Merge	12-19-2000
	LA0003328	LPDES #	Water Permitting	10-02-1975

Main Phone: 3184731225

Physical Location:
 1011 N Third St
 Alexandria, LA 71301

Mailing Address:
 PO Box 71
 Alexandria, LA 713090071

Location of Front Gate:
 31.277661 latitude, -92.41855 longitude, Coordinate Method: Lat. Long. - DMS, Coordinate Datum: NAD83

Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Gerard Alwell	PO Box 71 Alexandria, LA 713090071		Accident Prevention Billing Party for
	Gerard Alwell	PO Box 71 Alexandria, LA 713090071		Asbestos Contact for
	Gerard Alwell	PO Box 71 Alexandria, LA 713090071		Water Billing Party for
	Phillip Dautzat	PO Box 71 Alexandria, LA 713090071	PHILLIP.DAUZAT@	Emission Inventory Contact for
	Phillip Dautzat	PO Box 71 Alexandria, LA 713090071	3184731253 (WP)	Emission Inventory Contact for
	Don Guillory	P.O. Box 71 Alexandria, LA 713090071	John.Hamernick@ci	Emission Inventory Contact for
	John Hamernick	P.O. Box 71 Alexandria, LA 713090071	3184731293 (WP)	Emission Inventory Contact for
	John Hamernick	P.O. Box 71 Alexandria, LA 713090071	3184731300 (WF)	Emission Inventory Contact for
	John Hamernick	P.O. Box 71 Alexandria, LA 713090071	3184495047 (WP)	Emission Inventory Contact for
	Jacques Roy	PO Box 71 Alexandria, LA 71309	3184416251 (WP)	Responsible Official for
	Ann Wilson	1011 N Third St Alexandria, LA 71301		Accident Prevention Contact for

Related Organizations:	Name	Address	Phone (Type)	Relationship
	City of Alexandria	PO Box 71 Alexandria, LA 713090071		Operates
	City of Alexandria	PO Box 71 Alexandria, LA 713090071		Emission Inventory Billing Party
	City of Alexandria	PO Box 71 Alexandria, LA 713090071		Air Billing Party for
	City of Alexandria	PO Box 71 Alexandria, LA 713090071		Owns

General Information

AI ID: 8494 Alexandria City of - DG Hunter Generating Station
Activity Number: PER20050001
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Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms. Tommie Milam, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 8494 - Alexandria City of - DG Hunter Generating Station
Activity Number: PER20050001
Permit Number: 2360-00024-V1
Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
City of Alexandria - D.G. Hunter Power Plant						
EQT 0001	C3 - Boiler No. 3		55 MW	55 MW	Natural Gas/No.2 Fuel Oil	8760 hr/yr
EQT 0002	C4 - Boiler No. 4		1041 MM BTU/hr	1041 MM BTU/hr		8760 hr/yr
EQT 0003	T2 - Diesel Tank No. 2	504000 gallons			diesel (no. 2 fuel oil)	860 hr/yr
EQT 0005	X2 - Unit No. 3 Cooling Tower		2850000 gallons/hr	2850000 gallons/hr		860 hr/yr
EQT 0006	X3 - Unit No. 4 Cooling Tower		3660000 gallons/hr	3660000 gallons/hr		860 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
City of Alexandria - D.G. Hunter Power Plant							
EQT 0001	C3 - Boiler No. 3	81	225700	7.67		93.3	295
EQT 0002	C4 - Boiler No. 4	116	348500	8		63.3	295
EQT 0003	T2 - Diesel Tank No. 2			60		24	
EQT 0005	X2 - Unit No. 3 Cooling Tower			28		48	
EQT 0006	X3 - Unit No. 4 Cooling Tower			28		45	

Relationships:

Subject Item Groups:

ID	Group Type	Group Description
CRG 0001	Common Requirements Group	ACRAIN - Acid Rain Requirements
SCN 0001	Alternate Operating Scenario	IGS-3 - Interrupted Gas Supply (Boiler No.3)
SCN 0002	Alternate Operating Scenario	IGS-4 - Interrupted Gas Supply (Boiler No.4)
UNF 0001	Unit or Facility Wide	Facility Wide - City of Alexandria - D.G. Hunter Power Plant

Group Memberships:

ID	Description	Member of Groups
EQT 0001	C3 - Boiler No. 3	CRG0000000001, SCN0000000001
EQT 0002	C4 - Boiler No. 4	CRG0000000001, SCN0000000002
SCN 0001	IGS-3 - Interrupted Gas Supply (Boiler No.3)	CRG0000000001
SCN 0002	IGS-4 - Interrupted Gas Supply (Boiler No.4)	CRG0000000001

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

INVENTORIES

AI ID: 8494 - Alexandria City of - DG Hunter Generating Station
Activity Number: PER20050001
Permit Number: 2360-00024-V1
Air - Title V Regular Permit Renewal

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
1420	1420 C) Electric Power Gen. (Natural Gas Fired) (Rated Capacity)	140	MW

SIC Codes:

4911	Electric services	AI 8494
4911	Electric services	UNF 001

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 8494 - Alexandria City of - DG Hunter Generating Station
 Activity Number: PER20050001
 Permit Number: 2360-00024-V1
 Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
City of Alexandria - D.G. Hunter Power Plant															
EQT 0001 C3	50.79	55.51	222.46	174.60	185.02	764.74	5.71	9.63	25.02	9.41	60.47	41.20	3.13	3.63	13.70
EQT 0002 C4	78.45	85.73	343.60	321.72	347.00	1409.13	8.82	14.87	38.65	14.53	93.39	63.64	4.83	5.61	21.15
EQT 0003 T2													0.01	0.01	0.06
EQT 0005 X2							4.85	4.85	21.22						
EQT 0006 X3							6.22	6.22	27.25						
SCN 0001 IGS-3	24.06	24.06	15.81	115.54	115.54	75.91	9.63	9.63	6.33	60.47	60.47	39.73	0.96	0.96	0.63
SCN 0002 IGS-4	37.18	37.18	24.43	178.45	178.45	117.25	14.87	14.87	9.77	93.39	93.39	61.36	1.49	1.49	0.98

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8494 - Alexandria City of - DG Hunter Generating Station

Activity Number: PER20050001

Permit Number: 2360-00024-V1

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0001 C3	1,1,1-Trichloroethane	0.001	0.001	<0.01
	Benzene	0.002	0.002	0.01
	Dichlorobenzene	0.001	0.001	<0.01
	Formaldehyde	0.064	0.064	0.28
	Naphthalene	0.001	0.001	<0.01
	Toluene	0.005	0.005	0.02
	Xylene (mixed isomers)	0.001	0.001	<0.01
	n-Hexane	1.011	1.189	4.43
EQT 0002 C4	1,1,1-Trichloroethane	0.001	0.001	<0.01
	Benzene	0.002	0.002	<0.01
	Dichlorobenzene	0.001	0.001	<0.01
	Formaldehyde	0.100	0.100	0.44
	Naphthalene	0.002	0.002	0.01
	Toluene	0.009	0.009	0.04
	Xylene (mixed isomers)	0.001	0.001	<0.01
	n-Hexane	1.562	1.837	6.84
SCN 0001 IGS-3	1,1,1-Trichloroethane	0.001	0.001	<0.01
	Benzene	0.001	0.001	<0.01
	Formaldehyde	0.159	0.159	0.10
	Naphthalene	0.005	0.005	<0.01
	Toluene	0.030	0.030	0.02
	Xylene (mixed isomers)	0.001	0.001	<0.01
SCN 0002 IGS-4	1,1,1-Trichloroethane	0.001	0.001	<0.01
	Benzene	0.002	0.002	<0.01
	Formaldehyde	0.245	0.245	0.16
	Naphthalene	0.008	0.008	<0.01
	Toluene	0.046	0.046	0.03
	Xylene (mixed isomers)	0.001	0.001	<0.01
UNF 0001 Facility Wide	1,1,1-Trichloroethane			<0.01
	Benzene			0.01
	Dichlorobenzene			<0.01
	Formaldehyde			0.72
	Naphthalene			0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 8494 - Alexandria City of - DG Hunter Generating Station

Activity Number: PER20050001

Permit Number: 2360-00024-V1

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 Facility Wide	Toluene			0.06
	n-Hexane			11.27

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AI ID: 8494 - Alexandria City of - DG Hunter Generating Station

Activity Number: PER20050001

Permit Number: 2360-00024-V1

Air - Title V Regular Permit Renewal

CRG 0001 ACRRAIN - Acid Rain Requirements

Group Members: EQT 0001 EQT 0002 SCN 0001 SCN 0002

- 1 [40 CFR 72.9(a)(1)] The designated representative shall submit a complete Acid Rain permit application (including a compliance plan) in accordance with the deadlines specified in 40 CFR 72.30, a complete reduced utilization plan if required under 40 CFR 72.43, and any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit. [40 CFR 72.9(a)(1), LAC 33:III.505]
- 2 [40 CFR 72.9(a)(2)] Comply with the monitoring requirements as provided in 40 CFR 75. [40 CFR 72.9(a)(2)]
- 3 [40 CFR 72.9(a)(2)] Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority, and have an Acid Rain Permit. [40 CFR 72.9(a)(2), LAC 33:III.505]
- 4 [40 CFR 72.9(c)(1)] The owners and operators shall hold allowances, as of the allowance transfer deadline, in the source's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the source and comply with the applicable Acid Rain emissions limitation for sulfur dioxide. [40 CFR 72.9(c)(1)]
- 5 [40 CFR 72.9(c)(5)] An allowance shall not be deducted, in order to comply with the requirements under 40 CFR 72.9(c)(1)(i), prior to the calendar year for which the allowance was allocated. [40 CFR 72.9(c)(5), LAC 33:III.505]
- 6 [40 CFR 72.9(e)(1)] The designated representative of an affected source that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR 77. [40 CFR 72.9(e)(1), LAC 33:III.505]
- 7 [40 CFR 72.9(c)(2)] The owners and operators of an affected source that has excess emissions in any calendar year shall pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR 77, and comply with the terms of an approved offset plan, as required by 40 CFR 77. [40 CFR 72.9(c)(2), LAC 33:III.505]
- 8 [40 CFR 72.9(f)(1)] Keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority.
 1.) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24, provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative.
 2.) All emissions monitoring information, in accordance with 40 CFR 75, provided that to the extent that part 75 provides for a 3-year period for recordkeeping, the 3-year period shall apply.
 3.) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program.
 4.) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program. [40 CFR 72.9(f)(1), LAC 33:III.505]
- 9 [40 CFR 72.9(f)(2)] The designated representative shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR 75 and Subpart I of 40 CFR 72. [40 CFR 72.9(f)(2), LAC 33:III.505]

SPECIFIC REQUIREMENTS

AI ID: 8494 - Alexandria City of - DG Hunter Generating Station

Activity Number: PER20050001

Permit Number: 2360-00024-V1

Air - Title V Regular Permit Renewal

CRG 0001 ACRAIN - Acid Rain Requirements

- 10 [40 CFR 75.10(a)(2)] To determine NOX emissions, install, certify, operate, and maintain in accordance with all the requirements of 40 CFR 75 a NOX-diluent continuous emission monitoring system (consisting of a NOX pollutant concentration monitor and an O2 or CO2 diluent gas monitor) with an automated data acquisition and handling system for measuring and recording NOX concentration (in ppm), O2 or CO2 concentration (in percent O2 or CO2), and NOX emission rate (in lb/mmBtu) discharged to the atmosphere, except as provided in 40 CFR 75.12 and 75.17 and subpart E of 40 CFR 75. The owner or operator shall account for total NOX emissions, both NO and NO2, either by monitoring for both NO and NO2 or by monitoring for NO only and adjusting the emissions data to account for NO2. [40 CFR 75.10(a)(2)]
- 11 [40 CFR 75.10(a)(3)] Determine CO2 emissions by using one of the options in 40 CFR 75.10(a)(3)(i), (ii), or (iii), except as provided in 40 CFR 75.13 and subpart E of 40 CFR 75. [40 CFR 75.10(a)(3)]
- 12 [40 CFR 75.10(b)] The owner or operator shall ensure that each continuous emission monitoring system meets the equipment, installation, and performance specifications in appendix A to 40 CFR 75; and is maintained according to the quality assurance and quality control procedures in appendix B to 40 CFR 75; and shall record SO2 and NOX emissions in the appropriate units of measurement (i.e., lb/hr for SO2 and lb/MM Btu for NOX). [40 CFR 75.10(b)]
- 13 [40 CFR 75.10(c)] The owner or operator shall determine and record the heat input rate, in units of MM Btu/hr, to each affected unit for every hour or part of an hour any fuel is combusted following the procedures in appendix F to 40 CFR 75. [40 CFR 75.10(c)]
- 14 [40 CFR 75.10(d)] The owner or operator shall ensure that all continuous emission and opacity monitoring systems are in operation and monitoring unit emissions or opacity at all times that the affected unit combusts any fuel except as provided in 40 CFR 75.11(e) and during periods of calibration, quality assurance, or preventive maintenance, performed pursuant to 40 CFR 75.21 and appendix B of 40 CFR 75, periods of repair, periods of backups of data from the data acquisition and handling system, or recertification performed pursuant to 40 CFR 75.20. The owner or operator shall also ensure, subject to the aforementioned exceptions, that all continuous opacity monitoring systems are in operation and monitoring opacity during the time following combustion when fans are still operating, unless fan operation is not required to be included under any other applicable Federal or State regulation, or permit. The owner or operator shall ensure that the requirements of 40 CFR 75.10(d)(1), (2), and (3), as applicable, are met. [40 CFR 75.10(d)]
- 15 [40 CFR 75.10(f)] The owner or operator shall ensure that each continuous emission monitoring system is capable of accurately measuring, recording, and reporting data, and shall not incur an exceedance of the full scale range, except as provided in sections 2.1.1.5, 2.1.2.5, and 2.1.4.3 of appendix A to 40 CFR 75. [40 CFR 75.10(f)]
- 16 [40 CFR 75.10(g)] The owner or operator shall record and the designated representative shall report the hourly, daily, quarterly, and annual information collected under the requirements of 40 CFR 75 as specified in subparts F and G of 40 CFR 75. [40 CFR 75.10(g)]
- 17 [40 CFR 75.11(d)(2)] Measure and record SO2 emissions by providing information satisfactory to the Administrator using the applicable procedures specified in Appendix D to 40 CFR 75 for estimating hourly SO2 mass emissions. [40 CFR 75.11(d)(2)]
- 18 [40 CFR 75.] Comply with the applicable provisions of Subpart C-Operation and Maintenance Requirements, Subpart D-Missing Data Substitution Procedures, Subpart F-Recordkeeping Requirements, and Subpart G-Reporting Requirements.

EQT 0001 C3 - Boiler No. 3

SPECIFIC REQUIREMENTS

AIID: 8494 - Alexandria City of - DG Hunter Generating Station

Activity Number: PER20050001

Permit Number: 2360-00024-V1

Air - Title V Regular Permit Renewal

EQT 0001 C3 - Boiler No. 3

- 19 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 20 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 21 [LAC 33:III.1513.C] Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
- 22 [LAC 33:III.501.C.6] Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing.
- 23 [LAC 33:III.501.C.6] Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within 180 days after the issuance of a permit renewal, whichever comes later. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources, and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- 24 [LAC 33:III.501.C.6] Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services.

EQT 0002 C4 - Boiler No. 4

- 25 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 26 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 27 [LAC 33:III.1513.C] Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
- 28 [LAC 33:III.501.C.6] Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services.
- 29 [LAC 33:III.501.C.6] Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing.

SPECIFIC REQUIREMENTS

AI ID: 8494 - Alexandria City of - DG Hunter Generating Station

Activity Number: PER20050001

Permit Number: 2360-00024-V1

Air - Title V Regular Permit Renewal

EQT 0002 C4 - Boiler No. 4

30 [LAC 33:III.501.C.6]

Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within 180 days after the issuance of a permit renewal, whichever comes later. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources, and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

EQT 0003 T2 - Diesel Tank No. 2

31 [40 CFR 60.113]

Petroleum liquid storage data recordkeeping by electronic or hard copy continuously. Maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period, except as provided in 40 CFR 60.113(d). Subpart K.

EQT 0005 X2 - Unit No. 3 Cooling Tower

32 [LAC 33:III.1311.C]

Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

EQT 0006 X3 - Unit No. 4 Cooling Tower

33 [LAC 33:III.1311.C]

Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

SCN 0001 IGS-3 - Interrupted Gas Supply (Boiler No.3)

Group Members: EQT 0001

34 [LAC 33:III.1101.B]

Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

Total suspended particulate \leq 0.6 lb/MMBTU of heat input.

Which Months: All Year Statistical Basis: None specified

Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

36 [LAC 33:III.1513.C]

SPECIFIC REQUIREMENTS

AIID: 8494 - Alexandria City of - DG Hunter Generating Station

Activity Number: PER20050001

Permit Number: 2360-00024-V1

Air - Title V Regular Permit Renewal

SCN 0001 IGS-3 - Interrupted Gas Supply (Boiler No.3)

- 37 [LAC 33:III.501.C.6] No.2 Fuel Oil Combustion: Operating time \leq 1314 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if operating time when burning no. 2 fuel oil exceeds the maximum listed in this specific condition for any twelve consecutive month period.
Which Months: All Year Statistical Basis: None specified
- 38 [LAC 33:III.507.H.1.a] No. 2 Fuel Oil Combustion: Operating time monitored by technically sound method upon each occurrence. Monitor the annual operating time when the supply of natural gas is interrupted and No.2 fuel oil is being used as fuel.
Which Months: All Year Statistical Basis: None specified
- 39 [LAC 33:III.507.H.1.a] No. 2 Fuel Oil Combustion: Operating time recordkeeping by electronic or hard copy as needed. Keep records of the total operating time when using no.2 fuel oil each month, as well as the total operating time when using no. 2 fuel oil for the last twelve months. Make records available for inspection by DEQ personnel.
- 40 [LAC 33:III.507.H.1.a] Operating time No. 2 Fuel Oil Combustion: Submit report: Due annually, by the 31st of March. Report the total operating time when combusting no.2 fuel oil for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

SCN 0002 IGS-4 - Interrupted Gas Supply (Boiler No.4)

Group Members: EQT 0002

- 41 [LAC 33:III.1101.B] Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 42 [LAC 33:III.1313.C] Total suspended particulate \leq 0.6 lb/MMBTU of heat input.
Which Months: All Year Statistical Basis: None specified
- 43 [LAC 33:III.1513.C] Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
- 44 [LAC 33:III.501.C.6] No.2 Fuel Oil Combustion: Operating time \leq 1314 hr/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if operating time when burning no. 2 fuel oil exceeds the maximum listed in this specific condition for any twelve consecutive month period.
Which Months: All Year Statistical Basis: None specified
- 45 [LAC 33:III.507.H.1.a] No. 2 Fuel Oil Combustion: Operating time recordkeeping by electronic or hard copy as needed. Keep records of the total operating time when using no.2 fuel oil each month, as well as the total operating time when using no. 2 fuel oil for the last twelve months. Make records available for inspection by DEQ personnel.
- 46 [LAC 33:III.507.H.1.a] No. 2 Fuel Oil Combustion: Operating time monitored by technically sound method upon each occurrence. Monitor the annual operating time when the supply of natural gas is interrupted and No.2 fuel oil is being used as fuel.
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 8494 - Alexandria City of - DG Hunter Generating Station
Activity Number: PER20050001
Permit Number: 2360-00024-V1
Air - Title V Regular Permit Renewal

SCN 0002 IGS-4 - Interrupted Gas Supply (Boiler No.4)

47 [LAC 33:III.507.H.1.a] Operating time : Submit report: Due annually, by the 31st of March. Report the total operating time when combusting no.2 fuel oil for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

UNF 0001 Facility Wide - City of Alexandria - D.G. Hunter Power Plant

- 48 [40 CFR 61.145(b)(1)] Provide DEQ with written notice of intention to demolish or renovate prior to performing activities to which 40 CFR 61 Subpart M applies. Delivery of the notice by U.S. Postal Service, commercial delivery service, or hand delivery is acceptable. Subpart M. [40 CFR 61.145(b)(1)]
- 49 [40 CFR 61.148] Do not install or reinstall on a facility component any insulating materials that contain commercial asbestos if the materials are either molded and friable or wet-applied and friable after drying. Subpart M.
- 50 [40 CFR 61.] All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A.
- 51 [40 CFR 70.5(a)(1)(iii)] Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- 52 [40 CFR 70.6(a)(3)(iii)(A)] Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 53 [40 CFR 70.6(a)(3)(iii)(B)] Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]
- 54 [40 CFR 70.6(c)(5)(iv)] Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
- 55 [40 CFR 72.9(c)(1)(i)] City of Alexandria's D.G. Hunter Generating Station shall secure one allowance for each ton of SO2 emitted per year. At the end of the year, each used allowance is retired and cannot be used again. EPA will record allowance transfers that are used for compliance and ensure that D.G. Hunter's emissions do not exceed the number of allowances it holds via the Allowance Tracking System (ATS). See Subparts C & D of part 73. [40 CFR 72.9(c)(1)(i)]
- 56 [LAC 33:III.1103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
- 57 [LAC 33:III.1303.B] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 58 [LAC 33:III.2113.A] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.

SPECIFIC REQUIREMENTS

AIID: 8494 - Alexandria City of - DG Hunter Generating Station

Activity Number: PER20050001

Permit Number: 2360-00024-V1

Air - Title V Regular Permit Renewal

UNF 0001 Facility Wide - City of Alexandria - D.G. Hunter Power Plant

- 59 [LAC 33:III.219] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 60 [LAC 33:III.507.G.5] Alternate Operating Scenario: Operating plan recordkeeping by logbook upon each occurrence of making a change from one operating scenario to another. Record the operating scenario under which the facility is currently operating. Include in this record the identity of the sources involved, the permit number under which the scenario is included, and the date of change. Keep a copy of the log on site for at least two years.
- 61 [LAC 33:III.5151.F.1.f] An individual or company contracted to perform a demolition or renovation activity which disturbs RACM must be recognized by the Licensing Board for Contractors to perform asbestos abatement, and shall meet the requirements of LAC 33:III.5151.F.2 and F.3 for each demolition or renovation activity.
- 62 [LAC 33:III.535] Comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537. [LAC 33:III.535, LAC 33:III.537]
- 63 [LAC 33:III.5609.A.1.b] Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 5 when the administrative authority declares an Air Pollution Alert.
- 64 [LAC 33:III.5609.A.2.b] Activate the preplanned strategy listed in LAC 33:III.5611.Table 6 when the administrative authority declares an Air Pollution Warning.
- 65 [LAC 33:III.5609.A.3.b] Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 7 when the administrative authority declares an Air Pollution Emergency.
- 66 [LAC 33:III.5609.A] Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency.
- 67 [LAC 33:III.5611.A] Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611.Tables 5, 6, and 7. Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
- 68 [LAC 33:III.919.D] Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.